

In re Appln. of LEE et al.
Application No. 10/073,045

SPECIFICATION AMENDMENTS

Replace the paragraph beginning at page 7, line 12 with:

In the spray-coated layer composition, the fluoroalkylsilane of formula (2) above may be at least one selected from the group consisting of heptadecafluorodecyltriethoxysilane, pentadecafluorohexyltrimethoxysilane, heptadecafluorodecyltrimethoxysilane, heptadecafluorodecyltriisopropoxysilane, heptadecafluorodecyltributoxysilane, di-(heptadecafluorodecyl)diethoxysilane, di-(heptadecafluorodecyl)diethoxysilane, and tris-(heptadecafluorodecyl)ethoxysilane. The fluoroalkylsilane fluoroalkylsilane of formula (2) above may be contained in an amount of 1-15 parts by weight based on 100 parts by weight of the metal compound of formula (1) above.

Replace the paragraph beginning at 19, line 15 with:

Suitable examples of fluoroalkylsilane of formula (2) above include heptadecafluorodecyltriethoxysilane, pentadecafluorohexyltrimethoxysilane, heptadecafluorodecyltrimethoxysilane, heptadecafluorodecyltriisopropoxysilane, heptadecafluorodecyltributoxysilane, ~~di-(heptadecafluorodecyl)diethoxysilane~~, di-(heptadecafluorodecyl)diethoxysilane, and tris-(heptadecafluorodecyl)ethoxysilane. Suitable examples of the mercapto compound of formula (3) or (4) above available to form the spray-coated layer are the same as those for the protective layer described above.

Replace the paragraph beginning at page 20, line 23 with:

The composition for the low-refractive-index protective layer (referred to as a “protective layer composition”) comprises a metal compound of formula (1) above, a mercapto compound of formula (3) or (4), and a polar solvent. The ~~mercapt~~ mercapto compound acts as an electrical conductivity enhancer for the conductive layer.

Replace the paragraph beginning at page 20, line 31:

In the protective layer composition, the mercapto compound of formula (3) or (4) above may be at least one selected from the group consisting of 3-mercaptopropyltrimethoxysilane, 3-mercaptopropylmethyldimethoxysilane, 3-mercapto-1,2-

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propanediol, 1-mercaptopropanol, 3-mercaptopropionic acid, di-(3-mercaptopropyl)dimethoxysilane, and tris-(3-mercaptopropyl)methoxysilane. The ~~mereappter~~ mercaptopropanol compound of formula (3) or (4) may be used in an amount of 1-15 parts by weight, preferably, 6-11 parts by weight, based on 100 parts by weight of the metal compound of formula (1) above. If the amount of the mercapto compound is less than 1 part by weight, desirable low-resistance characteristics may not result. If the amount of the mercapto compound is greater than 15 parts by weight, film hardness may be reduced.